

EDUCATION

Southern Alberta Institute of Technology

Diploma of Software Development (GPA: 3.97 / 4.0)

Coursework: Software analysis and design, web development, database programming, software testing, and deployment

Calgary, Canada

September 2021 - December 2023

WORK EXPERIENCE

Backend Developer

Taiyang Acupuncture Clinic | Java, JavaScript, MySQL, AWS

- Collaborated with frontend team members to build and integrate the backend of an online booking web application.
- Led the backend development and managed deployment to the server, automating appointment scheduling and reducing administrative workload by 30%.
- Presented technical updates and project progress to stakeholders, ensuring 87% of milestones were met on time and maintaining clear communication.

January 2023 - August 2023

PROJECTS

ePortfolio [Portfolio link](#)

- Built a responsive personal website using **JavaScript**, **CSS** and **HTML**, showcasing web development skills through interactive user experiences

May 2024 - Present

AI Travel Recommendation System (NextStop)

- Developed a dynamic travel recommendation system using **Node.js** and **Express**, enabling real-time data processing for 3 relevant travel options.
- Reduced deployment failure rate to below 10% by analyzing deployed logs and monitoring data to identify and resolve issues.
- Integrated **OpenAI (GPT-4o)** to enhance recommendation quality, providing personalized and AI-driven travel suggestions based on user preferences.

January 2025

Bucketlist

- Created a user-friendly web application for documenting personal goals using **HTML**, **CSS**, and **JavaScript**
- Implemented intuitive UI/UX features for adding, deleting, and marking items as completed, enhancing user engagement.

February 2024 - March 2024

Online Booking System

- Developed, tested and deployed the core functionality of the booking system, including appointment scheduling, email notifications, and user security features – using **Java**, **MySQL** and **JavaScript on AWS**.
- Implemented email notification feature for appointment bookings and cancellations, ensuring timely updates delivered within 3 minutes and enhancing user engagement.
- Strengthened user security by integrating encryption and tokenization for passwords, significantly reducing the likelihood of unauthorized access.

January 2023 - August 2023

SKILLS SUMMARY

- Languages/Frameworks:** Python, JavaScript, NodeJS, NextJS, HTML5, CSS, SQL, Express, MongoDB, MySQL, Flask
- Tools:** Git, GitHub, VMWare, Amazon Web Services(AWS), Postman
- Soft Skills:** Time Management and Prioritization, Attention to Detail, Teamwork and Interpersonal Skills

CERTIFICATES

IBM AI Developer Professional Certificate | IBM

IBM Generative AI Engineering | IBM

Google IT Automation with Python Professional Certificate| Google

November 2024 - Present

October 2024 - Present

December 2023 - May 2024